

Title (en)
Electromagnet

Title (de)
Elektromagnet

Title (fr)
Electroaimant

Publication
EP 0935262 B1 20061115 (DE)

Application
EP 99102283 A 19990205

Priority
DE 19805049 A 19980209

Abstract (en)
[origin: EP0935262A2] Electromagnet comprises a spool which produces a magnetic field and moves a core when supplied with an electric current. The core is used to control a valve or other element and its movement is damped by damping elements. The core (11) moves on a plastic sliding surface (2), especially a plastic film.

IPC 8 full level
H01F 7/08 (2006.01); **F16K 31/06** (2006.01); **H01F 7/16** (2006.01); **H01F 7/18** (2006.01)

CPC (source: EP US)
H01F 7/081 (2013.01 - EP US); **H01F 7/1607** (2013.01 - EP US)

Cited by
EP3312853A1; DE102014109507A1; DE102008004531B3; EP1313110A3; DE102019203949B3; US8854164B2; WO2008064940A1; WO2009135701A1; WO2017211787A1; US10978232B2; DE102014007082A1; DE102014007082B4

Designated contracting state (EPC)
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EP 0935262 A2 19990811; EP 0935262 A3 20000712; EP 0935262 B1 20061115; DE 19805049 A1 19990812; DE 59913976 D1 20061228; JP H11273946 A 19991008; US 6225886 B1 20010501

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EP 99102283 A 19990205; DE 19805049 A 19980209; DE 59913976 T 19990205; JP 3149899 A 19990209; US 24654299 A 19990208